

(Currently Amended) 1. A document management system comprising:

a document reading means for reading a document having textual descriptions and at least a drawing ~~consisted of~~ having at least a graphic elements each with an associated alpha-numeral designation or a naming-term, wherein said document reading means is further provided for converting said graphic element with said alphanumerical-designation or naming-term and said textual descriptions ~~document~~ to a plurality of processor-recognized elements;

a search and link means for searching said processor-recognized elements and linking each of said graphic elements with at least one associated segment of textual description; and

a display means for displaying said drawing with each of said naming-term displayed immediately next to said graphic elements displayed immediately next to whereby a user can select an alpha-numeral designation or a naming term to display of said associated segment of textual description associated with said alpha-numeral-designation or naming term.

(Currently Amended) 2. The document management system of claim 1 wherein:

said search and link means for searching and linking said associated segment of textual description for each of said graphic element further includes a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said display means is further provided for displaying said column number, said page number, and said line-range number for said segment of textual description for each of said graphic elements as selected by said user to display associated with said alpha-numeral-designation or naming term.

(Currently Amended) 3. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying a report of finding said associated segment of textual description.

(Currently Amended) 4. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description for said user-selected naming-term; and

said display means is further provided for displaying a drawing having said user selected naming-term displayed immediately next to a graphic element linked with said associated segment of textual description for said user-selected naming-term when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 5. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying a report of finding said associated segment of textual description and said column number, said page number, and said line-range number for said associated segment of textual description.

(Currently Amended) 6. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description for said user-selected naming-term; and

said display means is further provided for displaying a drawing having a graphic element linked by said user-selected naming term with said associated segment of textual description ~~and said column number, said page number, and said line range number for said associated segment of textual description for said user-selected naming-term~~ when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 7. A method of document management comprising:

a) employing a document reading means for reading a document having textual descriptions and at least a drawing ~~consisted of~~ having graphic elements each with an associated alpha-numeral designation/naming term;

b) converting said document including said graphic elements with said alpha-numeral-designation/naming-term to a plurality of processor-recognized elements

c) employing a search and link means for searching said processor-recognized elements and linking each of said graphic elements with at least one associated segment of textual description; and

d) employing a display means for displaying said drawing with a naming-term displayed immediately next to each of said graphic elements for a user to select a display of ~~displayed together with~~ said associated segment of textual description associated with said alpha-numeral designation or naming-term.

(Currently Amended) 8. The method of document management of claim 1 7 wherein:

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said step c) of employing said search and link means for searching and linking said associated segment of textual description for each of said graphic element further includes a step of employing a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said step d) of employing said display means for displaying said associated segment of textual descriptions with said graphic elements further displaying said column number, said page number, and said line-range number for said segment of textual description for each of said graphic elements as selected by said user to display with said alpha-numeral-designation or naming term.

(Currently Amended) 9. The method of document management of claim 1 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying a report of finding said associated segment of textual description.

(Currently Amended) 10. The method of document management of claim 1 7 further comprising:

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e) e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description for said user-selected naming-term; and

f) employing said display means for displaying a drawing having said user-selected naming-term displayed immediately next to a graphic element linked with said associated segment of textual description for said user-selected naming-term when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 11. The method of document management of claim 7 further comprising:

e") e) employing a user interface for allowing a user to input a naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description and for displaying a report of finding said associated segment of textual description and said column number, said page number, and said line-range number for said associated segment of textual description.

(Currently Amended) 12. The method of document management of claim 7 further comprising:

e") e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description for said user-selected naming-term; and

f") f) employing said display means for displaying a drawing having a graphic element linked by said user-selected naming-term with said associated segment of textual description ~~and said column number, said page number, and said line range number for said associated segment of textual description for said user-selected naming-term~~ when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 13. A document management system for reading a document having textual descriptions and at least a drawing consisted of graphic elements, comprising:

a display means for displaying said drawing with an option for a user to select a display for each of said graphic elements ~~displayed together with~~ an associated segment of textual description as portion of said textual descriptions.

(Currently Amended) 14. The document management system of claim 13 wherein:

said display means is further provided for displaying for each of said graphic elements selected by said user a column number, a page number, and a line-range number along with said segment of textual description located in said document.

(Currently Amended) 15. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said document management system for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying on said display means a status report of finding said associated segment of textual description.

(Currently Amended) 16. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said document management system for searching and linking said naming-term to an associated segment of textual description for said user-selected naming-term; and

said display means is further provided for displaying a drawing having a graphic element linked by said user-selected naming-term with said associated segment of textual description ~~for said user-selected naming-term~~ when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 17. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said document management system for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying a status report of finding said associated segment of textual description and said column number, said page number, and said line-range number for said associated segment of textual description.

(Currently Amended) 18. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said document management system for searching and linking said naming-term to an associated segment of textual description for said user-selected naming-term; and

said display means is further provided for displaying a drawing having a graphic element linked by said user selected naming-term with said associated segment of textual description ~~and said column number, said page number, and said line range number for said associated segment of textual description for said user-selected naming-term~~ when said associated segment of textual description for said user-selected naming-terms is found.

(Currently Amended) 19. A method for reading and managing a document having textual descriptions and at least a drawing consisted of graphic elements, comprising:

employing a display means for displaying said drawing with an option to allow a user to select a display for each of said graphic elements ~~together with~~ an associated segment of textual description as portion of said textual descriptions.

(Currently Amended) 20. The method of reading and managing said document of claim 19 wherein:

said step of displaying said drawing with each of said graphic elements together with an associated segment of textual description for a user selected graphic element further includes a step of displaying for each of said graphic elements a column number, a page number, and a line-range number along with said segment of textual description located in said document.



(Currently Amended) 21. The method of reading and managing said document of claim 19 further comprising:

employing a user interface for allowing a user to input a user-selected naming-term to invoke a document management system for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying on said display means a status report of finding said associated segment of textual description.